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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/730,397

12/08/2003

Ming-Ta Hsu

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47390

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EXAMINER

RIMELL, SAMUEL G

ART UNIT

PAPER NUMBER

2164

DATE MAILED: 11/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/730,397	<b>Applicant(s)</b> HSU ET AL.	
	<b>Examiner</b> Sam Rimell	<b>Art Unit</b> 2164	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

### Period for Reply

**A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.**

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) 17, 18 and 29 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16, 19-28 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

  
**SAM RIMELL**  
**PRIMARY EXAMINER**

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____.  |

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Response to Election Requirement: In response to the election requirement of July 26, 2006, applicant elects Group I, claims 1-16 and 19-28 with traverse. However, as no specific arguments are presented, the election is considered to be made without traverse. See MPEP 818.03(c):

*“If applicant does not distinctly and specifically point out supposed errors in the restriction requirement, the election should be treated as an election without traverse and be so indicated to the applicant.”*

Applicant has also amended claim 17 and added new claim 29. No explanation is provided for the amendment or for addition of the new claim. Examiner has reviewed the content of claim 17 to determine if it is affected by the election, but finds that that the content of this claim remains associated with the independent and distinct Group II, addressed to a customer quotation system with data delivery module. Accordingly, claims 17-18 are non-elected. Newly added claim 29 is non-elected for being directed to the non-elected Group II. Accordingly, claims 1-16 and 19-28 will be examined on the merits. The election requirement is made final, although the office action is non-final.

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-16 and 19-26 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1: The phrase “the product from the customer requirement table” lacks antecedent basis.

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Claims 2-8: Depend on claim 1.

Claim 9: The phrase “the product, from the customer requirement table” lacks antecedent basis.

Claims 10-16: Depend on claim 9.

Claim 19: The phrase “the product, from the customer requirement table” lacks antecedent basis.

Claims 20-25: Depend on claim 19.

Claim 26: In addition to its dependence from claim 19, claim 26 contains the phrase “the semiconductor product” which further lacks antecedent basis.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-16 and 19-28 are rejected under 35 U.S.C. 102(e) as being anticipated by Hsu et al. (US 2005/0108101).

Claim 1: Paragraphs 0018, 0019 and 0021 define filed names and attributes for a quotation header table (paragraph 0018), a quotation item table (paragraph 0019), and a product master table (paragraph 0021) which define a plurality of original tables.

From the data in these tables, a customized view table (paragraph 0022) is created which defines a product data table. Since the customized view is created for each customer, a plurality

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of these tables will exist. This table includes process technology data (service flow) and product quote data (total prices).

The product data table defined in paragraph 0022 will then become the basis for a graphical interface displayed table (514 in FIG. 5) which becomes the customer requirement table. Prices for each product name are listed in the table (514).

The total price charged to a customer is inherently the sum of individual prices charged for the individual products listed in table (514). Also note the reference to "total price of wafer line items" in the table of paragraph 0022, which refers to a summation of prices.

Claim 2: The original data tables are described at paragraphs 0018, 0019 and 0021. The table at paragraph 0019 is an original product data table defining a semiconductor wafer product, while the tables at paragraphs 0018 and 0021 are original process technology tables defining a process (a service flow, para. 0021; or a shipping action para. 0018).

Claim 3: The product data table is the customized view table in paragraph 0022, and combines the data from the original tables.

Claim 4: The original data tables are defined in paragraph 0018, 0019 and 0021. The table defined in paragraph 0018 is described as a quote header table (paragraph 0018, last three lines).

Claim 5: The product data tables are defined by the attributes in paragraph 0022. The tables created are product quote tables as they refer to both products and quotes. The table described at paragraph 0022 are created from the data in the original tables set forth in paragraphs 0018, 0019 and 0021.

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Claim 6: The original table described at paragraph 0019 is referred to as a quote item table (paragraph 0019, lines 1-2).

Claim 7: The product data tables are defined by the attributes in paragraph 0022. The tables created are product quote tables as they refer to both products and quotes. The table described at paragraph 0022 are created from the data in the original tables

Claim 8: "Process technology data" inherently specifies process technology, by its own definition. Specified process technology data include service flow (table of paragraph 0022) and shipping actions (table of paragraph 0018).

Claim 9: See remarks for claim 1.

Claim 10: See remarks for claim 2.

Claim 11: See remarks for claim 3.

Claim 12: See remarks for claim 4.

Claim 13: See remarks for claim 5.

Claim 14: See remarks for claim 6.

Claim 15: See remarks for claim 7.

Claim 16: See remarks for claim 8.

Claim 19: See remarks for claim 1.

Claim 20: See remarks for claim 2.

Claim 21: See remarks for claim 3.

Claim 22: See remarks for claim 4.

Claim 23: See remarks for claim 5.

Claim 24: See remarks for claim 6.

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Claim 25: See remarks for claim 7.

Claim 26: See remarks for claim 8.

Claim 27: See remarks for claim 1.

Claim 28: See remarks for claim 1.

Any inquiry concerning this communication should be directed to Sam Rimell at telephone number (571) 272-4084.

A handwritten signature in black ink, appearing to read 'S. Rimell', with a stylized flourish at the end.

Sam Rimell  
Primary Examiner  
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